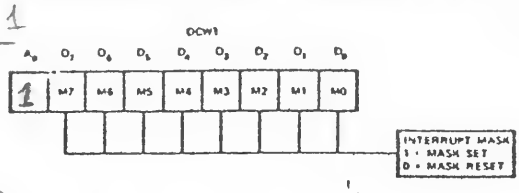
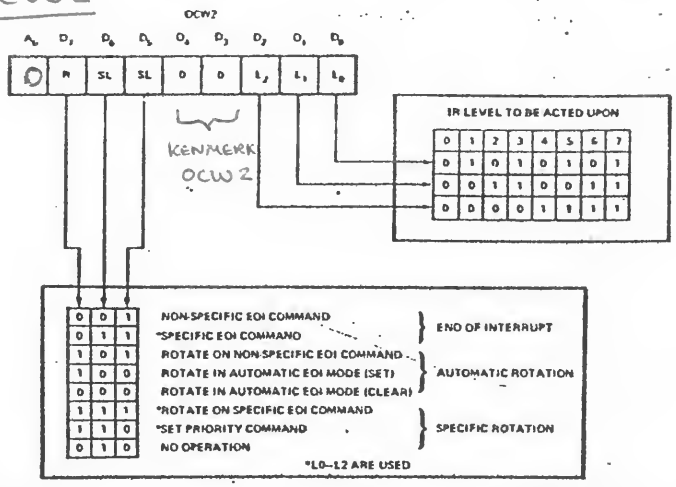
PIC

8259

OCW 1

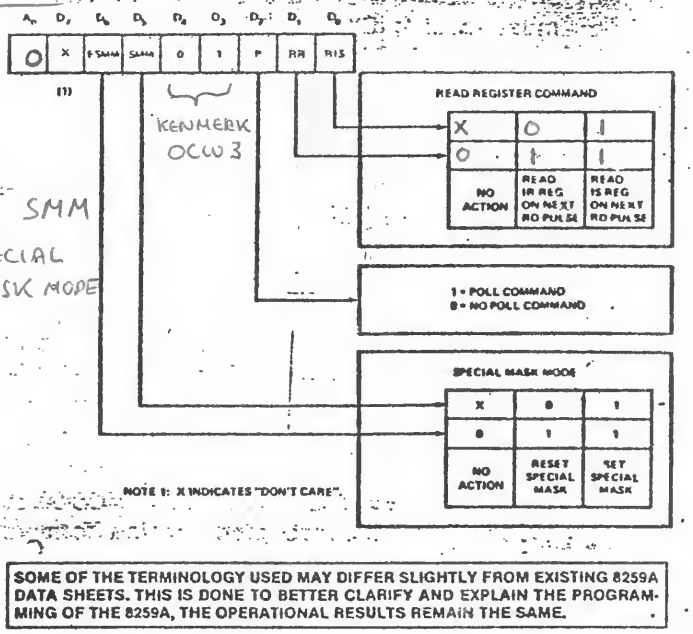


OCW 2


OCW2
A0 D7 D6 D5 D4 D3 D2 D1 D0
0 R SL EOI 0 0 L2 L1 L0
KENMERK
OCW 2
IR LEVEL TO BE ACTED UPON
0 1 2 3 4 5 6 7
0 1 0 1 0 1 0 1
0 0 1 1 0 0 1 1
0 0 0 0 1 1 1 1

0 0 1 NON-SPECIFIC EOI COMMAND
0 1 1 *SPECIFIC EOI COMMAND
1 0 1 ROTATE ON NON-SPECIFIC EOI COMMAND
1 0 0 ROTATE IN AUTOMATIC EOI MODE (SET)
0 0 0 ROTATE IN AUTOMATIC EOI MODE (CLEAR)
1 1 1 *ROTATE ON SPECIFIC EOI COMMAND
1 1 0 *SET PRIORITY COMMAND
0 1 0 NO OPERATION
END OF INTERRUPT
AUTOMATIC ROTATION
SPECIFIC ROTATION
*L0–L2 ARE USED

OCW 3



SOME OF THE TERMINOLOGY USED MAY DIFFER SLIGHTLY FROM EXISTING 8259A DATA SHEETS. THIS IS DONE TO BETTER CLARIFY AND EXPLAIN THE PROGRAMMING OF THE 8259A, THE OPERATIONAL RESULTS REMAIN THE SAME.

Figure 23. Operational Command Words (OCWs) Programming Format

ocw: masks, melding einde serviceroutine
prioriteiten, opvragen status.